

	Document ID	Issue Date	Title	Current OR	Current XRef	Inventor
1	US 20030172054 A1	20030911	Dynamic synchronization of tables	707/1	707/10	Berkowitz, Brian T. et al.
2	US 20030159136 A1	20030821	Method and system for server synchronization with a computing device	717/171	707/10; 707/201	Huang, Xiao Fei et al.
3	US 20030105768 A1	20030605	Dynamic synchronization of tables	707/100		Berkowitz, Brian T. et al.
4	US 20030074378 A1	20030417	Systems and methods for backing up data files	707/204		Midgley, Christopher et al.
5	US 20030005161 A1	20030102	System and method for recovering from a failed synchronization session	709/248	707/201; 709/203	Chen, James S.L. et al.
6	US 20030004955 A1	20030102	System and method for translating synchronization information between two networks based on different synchronization protocols	707/100		Cedola, Kent D. et al.
7	US 20020198899 A1	20021226	Method and system of database management for replica database	707/200		Yamaguchi, Kota et al.
8	US 20020174139 A1	20021121	Systems and methods for backing up data files	707/204		Midgley, Christopher et al.
9	US 20020103932 A1	20020801	System and process for updating electronic messaging accounts	709/245	707/104.1; 709/206	Bilbrey, George et al.
10	US 20020059279 A1	20020516	Apparatus and method for database synchronization in a duplex system	707/100		Kim, Nam-Jin et al.
11	US 6594775 B1	20030715	FAULT HANDLING MONITOR TRANSPARENTLY USING MULTIPLE TECHNOLOGIES FOR FAULT HANDLING IN A MULTIPLE HIERARCHAL/PEER DOMAIN FILE SERVER WITH DOMAIN CENTERED, CROSS DOMAIN COOPERATIVE FAULT HANDLING MECHANISMS	714/4	707/10; 709/224	Fair, Robert Lawrence
12	US 6542907 B1	20030401	Method and apparatus for decentralized, invertible generation of bounded-length globally unique replica identifiers	707/203	707/10	Cohen, Norman Howard
13	US 6526418 B1	20030225	Systems and methods for backing up data files	707/204	707/202; 707/203; 707/8; 709/236; 711/162; 713/176; 714/4; 714/5	Midgley, Christopher et al.
14	US 6493721 B1	20021210	Techniques for performing incremental data updates	707/104.1	707/100	Getchius, Jeffrey et al.
15	US 6460055 B1	20021001	Systems and methods for backing up data files	707/204	707/202; 707/8; 709/236; 711/162; 713/176; 714/4; 714/5	Midgley, Christopher et al.
16	US 6446090 B1	20020903	Tracker sensing method for regulating synchronization of audit files between primary and secondary hosts	707/201	709/248; 714/2	Hart, Donald Ralph
17	US 6430577 B1	20020806	System and method for asynchronously receiving multiple packets of audit data from a source databased host in a resynchronization mode and asynchronously writing the data to a target host	707/201	707/10; 707/204; 709/248; 714/20	Hart, Donald Ralph

	Document ID	Issue Date	Title	Current OR	Current XRef	Inventor
18	US 6202067 B1	20010313	Method and apparatus for correct and complete transactions in a fault tolerant distributed database system	707/10	707/202; 707/8; 709/208; 709/209; 712/31; 713/1; 714/13	Blood, Mark Lawrence et al.
19	US 6035412 A	20000307	RDF-based and MMF-based backups	714/6	707/204	Tamer, Philip et al.
20	US 5280612 A	19940118	Multiple version database concurrency control system	707/8	707/203; 707/206; 707/9; 710/242	Lorie, Raymond A. et al.

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	1	09/863422	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/09/17 16:35
2	BRS	L2	5	5848405.uref,bi.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/09/17 16:41
3	BRS	L3	2	5848405.pn.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/09/17 16:59
4	BRS	L4	363	synchroniz\$5 same transaction\$4 same identif\$5	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/09/17 17:29
5	BRS	L5	81	L4 same ((updat\$4 or chang\$4 or version\$4 or modif\$4) same data)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/09/17 17:04
6	BRS	L6	10	L5 same lock\$4	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/09/17 17:08
7	BRS	L7	30	L5 and 707/.ccls.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/09/17 17:08
8	BRS	L8	20	L7 and (internet or on-line or online)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/09/17 17:11
9	BRS	L9	9	L7 and ((internet or on-line or online) same transaction\$4)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/09/17 17:24

	Type	L #	Hits	Search Text	DBs	Time Stamp
10	BRS	L10	0	L5 and oltp	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/09/17 17:29
11	BRS	L11	76	5280612.uref,bi.	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/09/17 17:29
12	BRS	L12	3	L11 and (synchroniz\$5 same transaction\$4 same identif\$5)	USPAT; US-PGP UB; EPO; JPO; DERWEN T; IBM_TD B	2003/09/17 17:29

	Type	Hits	Search Text	DBs	Time Stamp
1	BRS	29984	((chang\$3 or updat\$4 or version\$4) with data with (captur\$4 or indicat\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:02
2	BRS	34400	((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:56
3	BRS	81	((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) same (recover\$4 with (log\$5 or access\$3)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:30
4	BRS	20	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) same (recover\$4 with (log\$5 or access\$3))) same (database\$1 or db\$1 or (data adj base\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:34
5	BRS	20	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) same (recover\$4 with (log\$5 or access\$3))) same (database\$1 or db\$1 or (data adj base\$1)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:23
6	BRS	0	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) same (recover\$4 with (log\$5 or access\$3))) same (database\$1 or db\$1 or (data adj base\$1))) same (data with warehouse)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:15
7	BRS	0	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) same (recover\$4 with (log\$5 or access\$3))) same (database\$1 or db\$1 or (data adj base\$1))) same ((extract\$3 or remov\$4) with data)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:26
8	BRS	0	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) same (recover\$4 with (log\$5 or access\$3))) same (database\$1 or db\$1 or (data adj base\$1))) and (on same line same (trasaction\$1 or process\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:24
9	BRS	0	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) same (recover\$4 with (log\$5 or access\$3))) and (on same line same (trasaction\$1 or process\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:28
10	BRS	6	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) same (recover\$4 with (log\$5 or access\$3))) and ((on same line\$1 or (on-line\$1)) same (trasaction\$1 or process\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:31
11	BRS	30	"L0" same ((extract\$3 or remov\$4) with data)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:27
12	BRS	2	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) same (recover\$4 with (log\$5 or access\$3))) and ((on same line\$1 or (on-line\$1)) same (transaction\$1 or process\$4))) and ((extract\$3 or remov\$4) with data)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:32
13	BRS	0	((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) same (on same line same (trasaction\$1 or process\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:29
14	BRS	1083	((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and ((on same line\$1 or (on-line\$1)) same (trasaction\$1 or process\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:31
15	BRS	1162	((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and ((on same line\$1 or (on-line\$1)) same (transaction\$1 or process\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:31
16	BRS	2	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) same (recover\$4 with (log\$5 or access\$3))) same ((on same line\$1 or (on-line\$1)) same (transaction\$1 or process\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:31

	Type	Hits	Search Text	DBs	Time Stamp
17	BRS	579	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and ((on same line\$1 or (on-line\$1)) same (transaction\$1 or process\$4))) and ((extract\$3 or remov\$4) with data))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:32
18	BRS	58994	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and ((on same line\$1 or (on-line\$1)) same (transaction\$1 or process\$4))) and ((extract\$3 or remov\$4) with data)) and (sql\$1 or quer\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:33
19	BRS	271	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and ((on same line\$1 or (on-line\$1)) same (transaction\$1 or process\$4))) and ((extract\$3 or remov\$4) with data)) and (sql\$1 or quer\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:33
20	BRS	152	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and ((on same line\$1 or (on-line\$1)) same (transaction\$1 or process\$4))) and ((extract\$3 or remov\$4) with data)) and (sql\$1 or quer\$3)) and stag\$3	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:34
21	BRS	148	((((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and ((on same line\$1 or (on-line\$1)) same (transaction\$1 or process\$4))) and ((extract\$3 or remov\$4) with data)) and (sql\$1 or quer\$3)) and stag\$3) and (database\$1 or db\$1 or (data adj base\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:35
22	BRS	144	((((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and ((on same line\$1 or (on-line\$1)) same (transaction\$1 or process\$4))) and ((extract\$3 or remov\$4) with data)) and (sql\$1 or quer\$3)) and stag\$3) and (database\$1 or db\$1 or (data adj base\$1) same object\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:35
23	BRS	91	((((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and ((on same line\$1 or (on-line\$1)) same (transaction\$1 or process\$4))) and ((extract\$3 or remov\$4) with data)) and (sql\$1 or quer\$3)) and stag\$3) and ((database\$1 or db\$1 or (data adj base\$1)) same object\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:36
24	BRS	0	((((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and ((on same line\$1 or (on-line\$1)) same (transaction\$1 or process\$4))) and ((extract\$3 or remov\$4) with data)) and (sql\$1 or quer\$3)) and stag\$3) and ((database\$1 or db\$1 or (data adj base\$1)) same object\$1)) and (ship\$5 with stag\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:37
25	BRS	32	((((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and ((on same line\$1 or (on-line\$1)) same (transaction\$1 or process\$4))) and ((extract\$3 or remov\$4) with data)) and (sql\$1 or quer\$3)) and stag\$3) and ((database\$1 or db\$1 or (data adj base\$1)) same object\$1)) and ((ship\$5 or deliver\$4 or distribut\$4 or transport\$4) with stag\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 17:24
26	BRS	55	((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and oltp\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:30
27	BRS	5	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and oltp\$1) and (recover\$4 with (log\$5 or access\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 14:58
28	BRS	13	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and oltp\$1) and stag\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:29
29	BRS	0	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and oltp\$1) and staging\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:29

	Type	Hits	Search Text	DBs	Time Stamp
30	BRS	450	((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and staging\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 18:13
31	BRS	0	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and staging\$1) and (recover\$4 with (log\$5 or access\$3))) and oltp\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:30
32	BRS	0	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and staging\$1) and (recover\$4 with (log\$5 or access\$3))) and oltp\$1) and ((on same line\$1 or (on-line\$1)) same (transaction\$1 or process\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 16:31
33	BRS	46	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and staging\$1) and (recover\$4 with (log\$5 or access\$3)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 17:10
34	BRS	13	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and staging\$1) and (recover\$4 with (log\$5 or access\$3))) and (staging\$1 same application\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 17:17
35	BRS	5	5848405.uref,bi.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 17:16
36	BRS	1	5848405.uref,bi. and (staging\$1 same application\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 17:21
37	BRS	1	5848405.uref,bi. and staging\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 17:26
38	BRS	10	(5204958, 5301288, 5581750, 5664160, "5675585").pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 17:25
39	BRS	0	((5204958, 5301288, 5581750, 5664160, "5675585").pn.) and staging\$1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 17:25
40	BRS	13	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and staging\$1) and (recover\$4 with (log\$5 or access\$3))) and (staging\$1 same application\$1) and (staging\$1 same application\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 18:15
41	BRS	0	(((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and staging\$1) and (recover\$4 with (log\$5 or access\$3))) and (staging\$1 same application\$1) and (staging\$1 adj system\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 18:12
42	BRS	5	((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4)) and (staging\$1 adj system\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 18:14
43	BRS	2	((((((chang\$3 or updat\$4 or version\$4 or modif\$5) with data with (captur\$4 or indicat\$4))) and staging\$1) and (recover\$4 with (log\$5 or access\$3))) and (staging\$1 same application\$1) and (staging\$1 same application\$1) and subscrib\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/03 18:15
44	BRS	22342	705/.cccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 10:56
45	BRS	39	705/.cccls. and (staging\$1 with (ship\$4 or deliver\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 11:13
46	BRS	15	(705/.cccls. and (staging\$1 with (ship\$4 or deliver\$3))) and (online or on-line)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 10:58
47	BRS	0	705/.cccls. and (staging\$1 with (ship\$4 or deliver\$3) with subscrib\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 11:00
48	BRS	1	705/.cccls. and (staging\$1 with (ship\$4 or deliver\$3) with application\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 11:01
49	BRS	8	705/.cccls. and (staging\$1 same (ship\$4 or deliver\$3) same application\$1)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 11:02
50	BRS	741	lewin.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 11:02
51	BRS	2	lewin.in. and (staging\$1 with (ship\$4 or deliver\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 11:02
52	BRS	9	((online or on-line) and (staging\$1 with (ship\$4 or deliver\$3))) and (staging same (subscri\$4 or application\$1))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 11:07
53	BRS	56	(online or on-line) and (staging\$1 with (ship\$4 or deliver\$3))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 11:07

	Type	Hits	Search Text	DBs	Time Stamp
54	BRS	22	(staging\$1 with (ship\$4 or deliver\$3) with (application\$1 or subscrib\$4 or list\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/09/04 11:16